

Figure 1.

- 1 acquire data
- 2 process signal
- 3 separate colors
- 4 remove primers
- 5 track sizes
- 6 extract profiles

Figure 2.

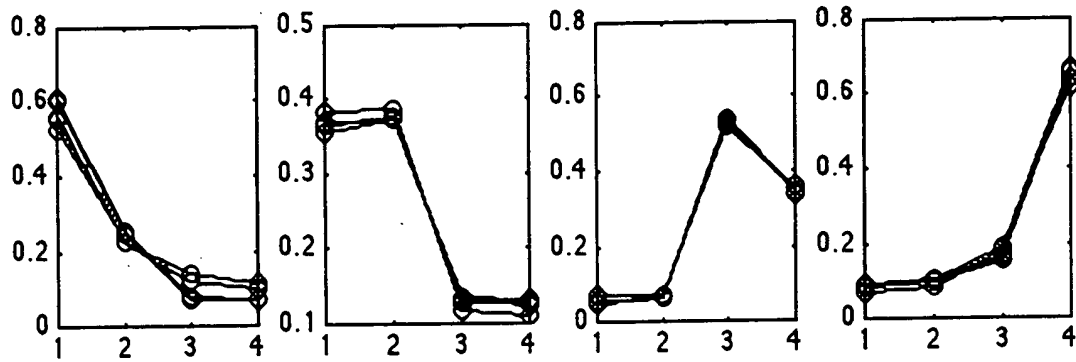


Figure 3.

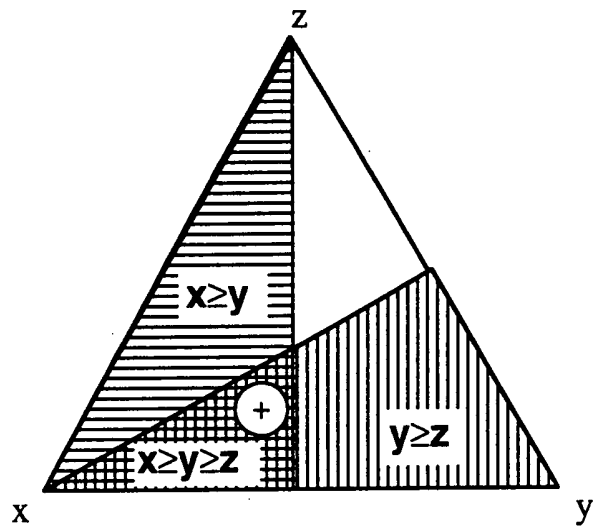


Figure 4.

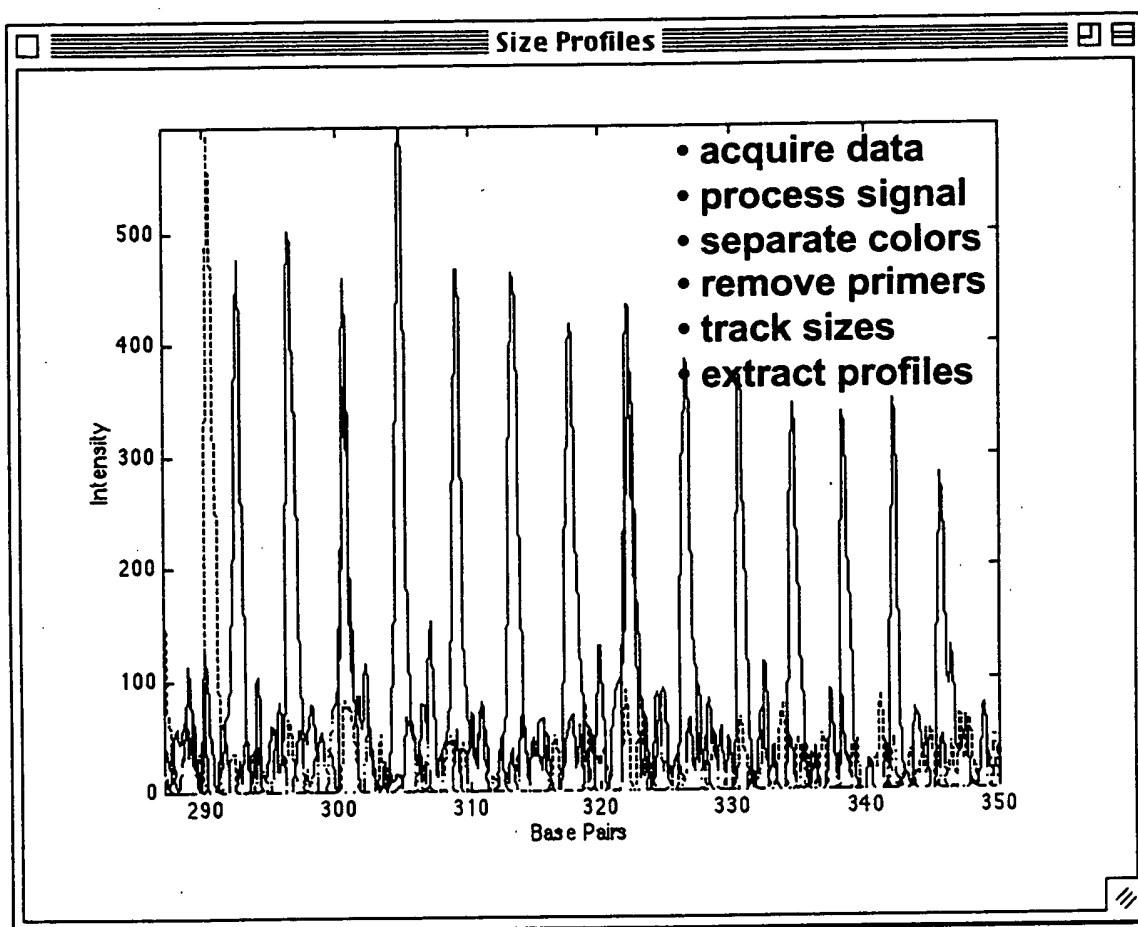


Figure 5.

7 derive allelic ladder
8 transform coordinates
9 quantitate trace
10 analyze data

Figure 6.

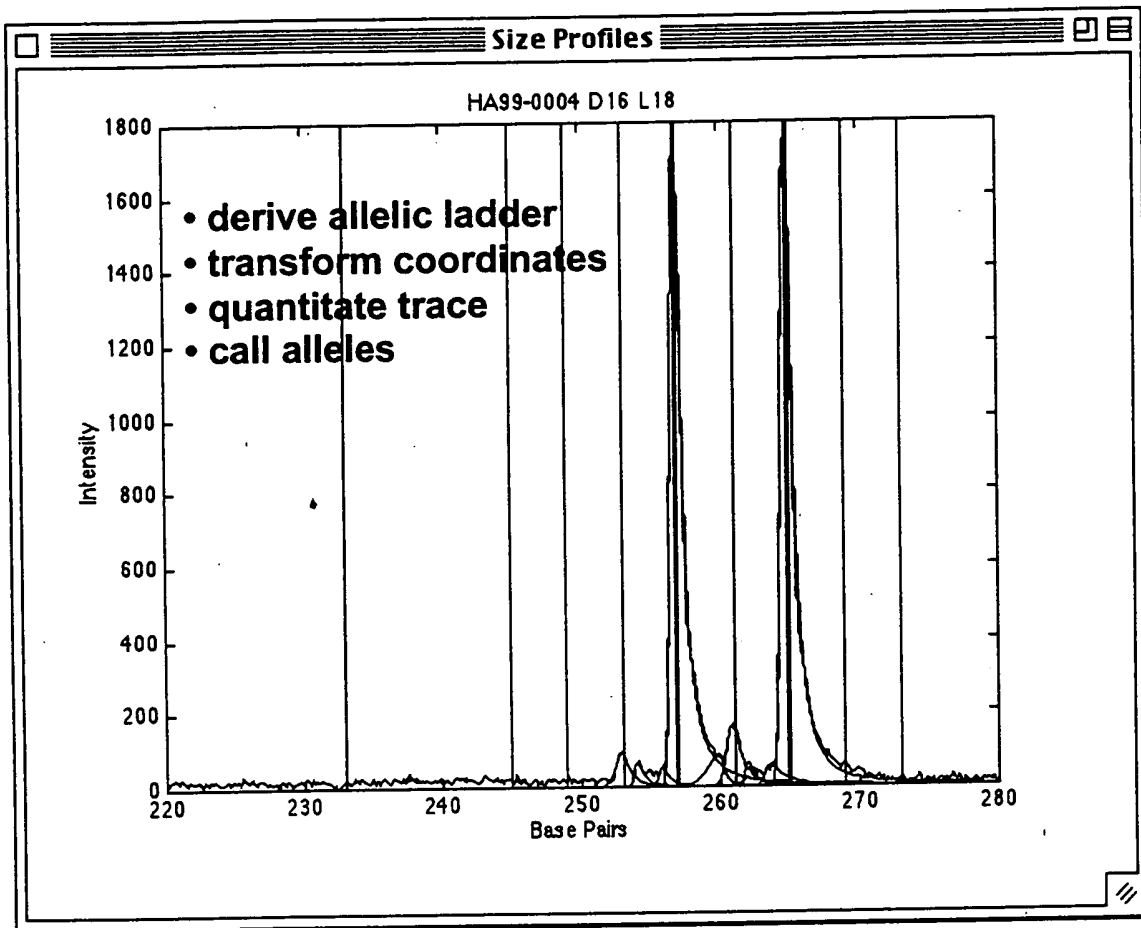


Figure 7.

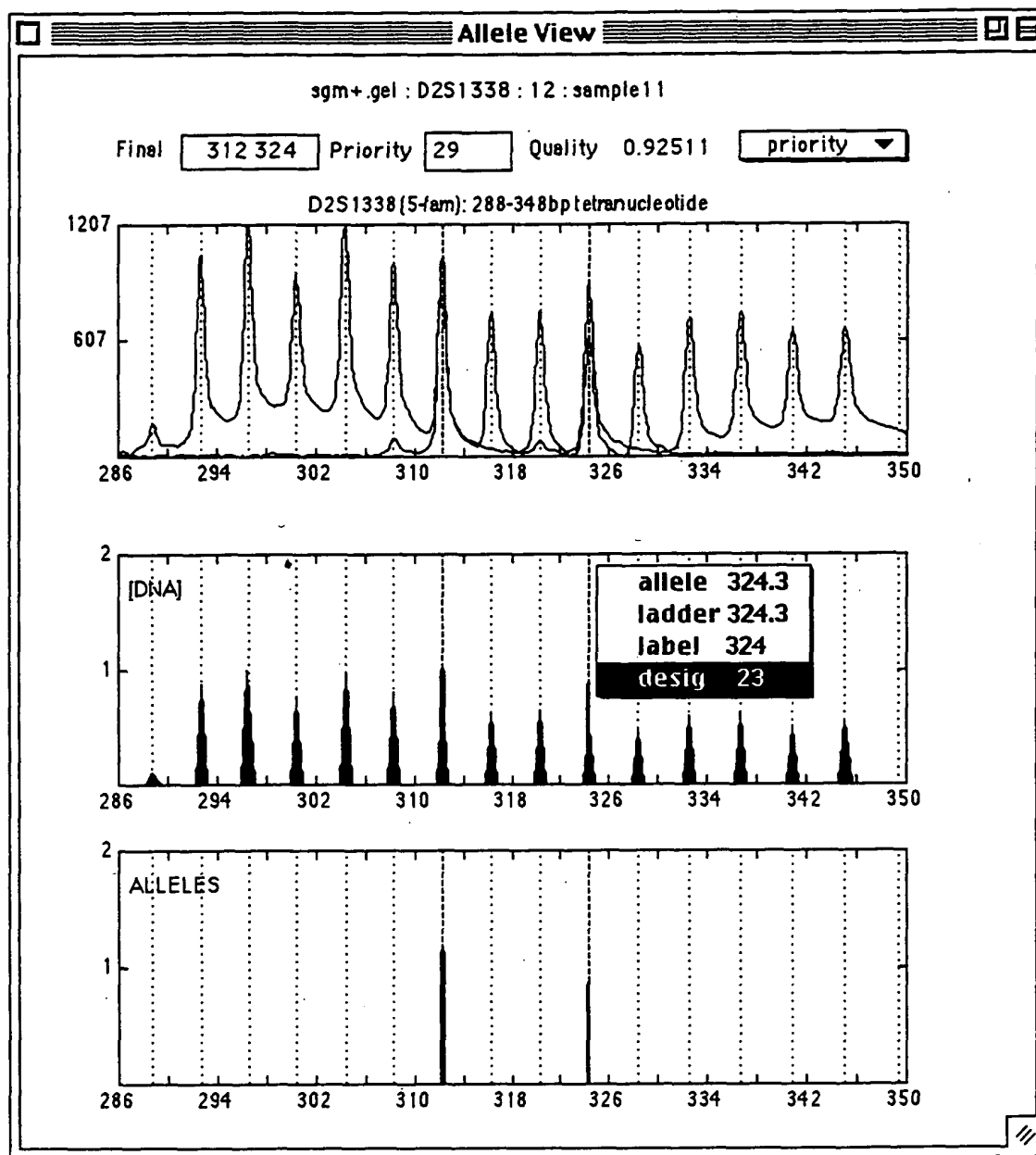


Figure 8.

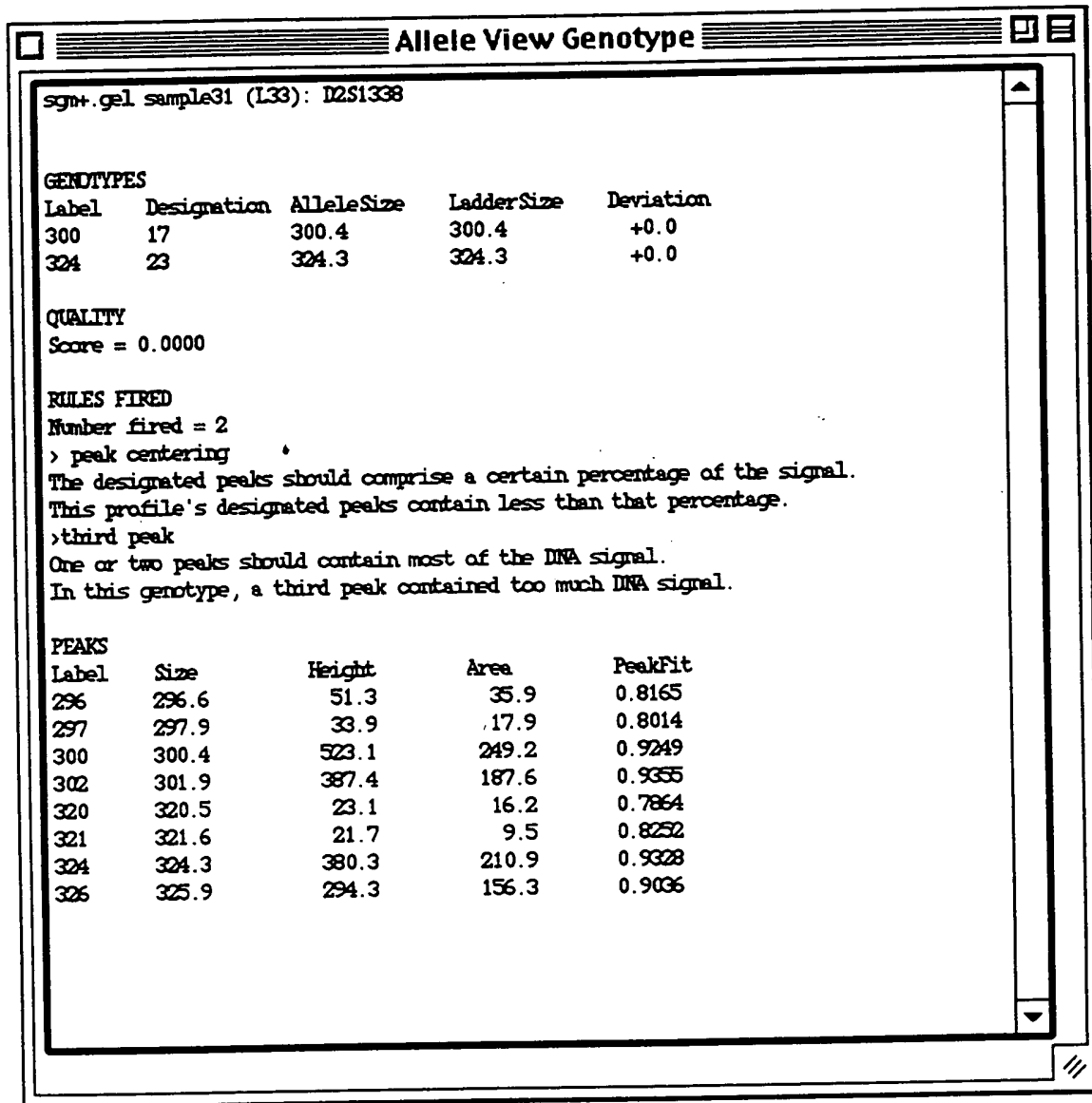


Figure 9.

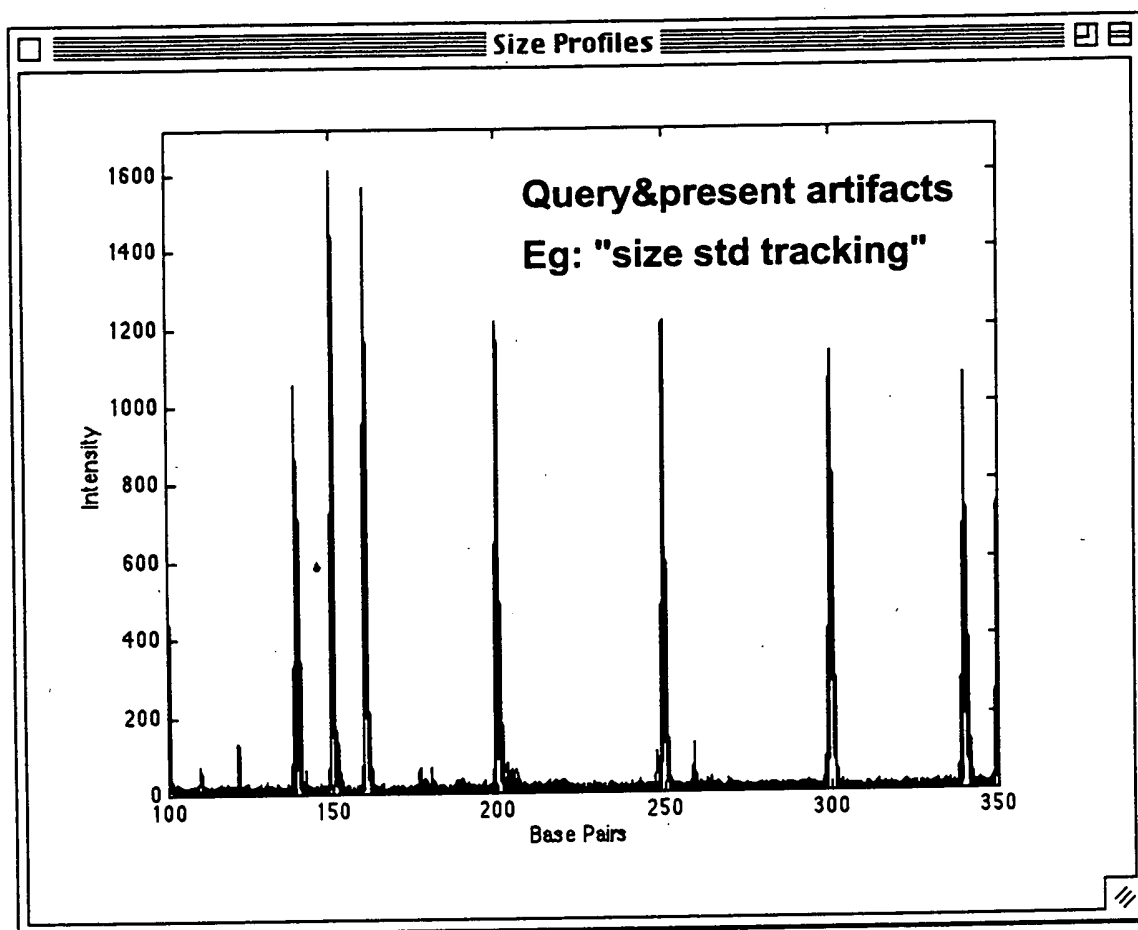


Figure 10.

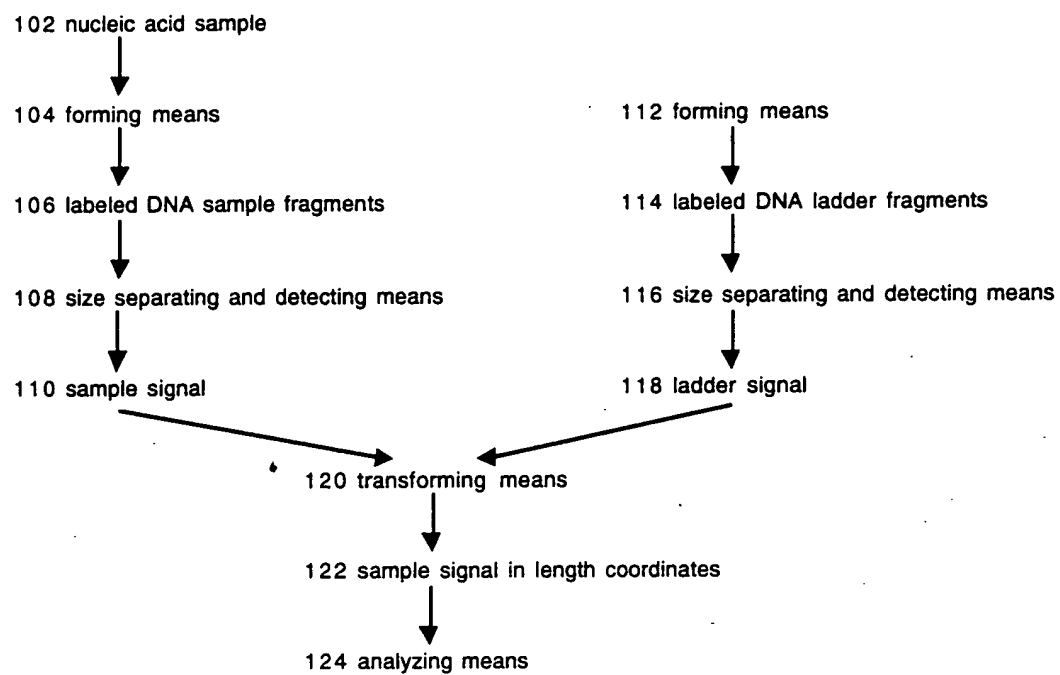


Figure 11.

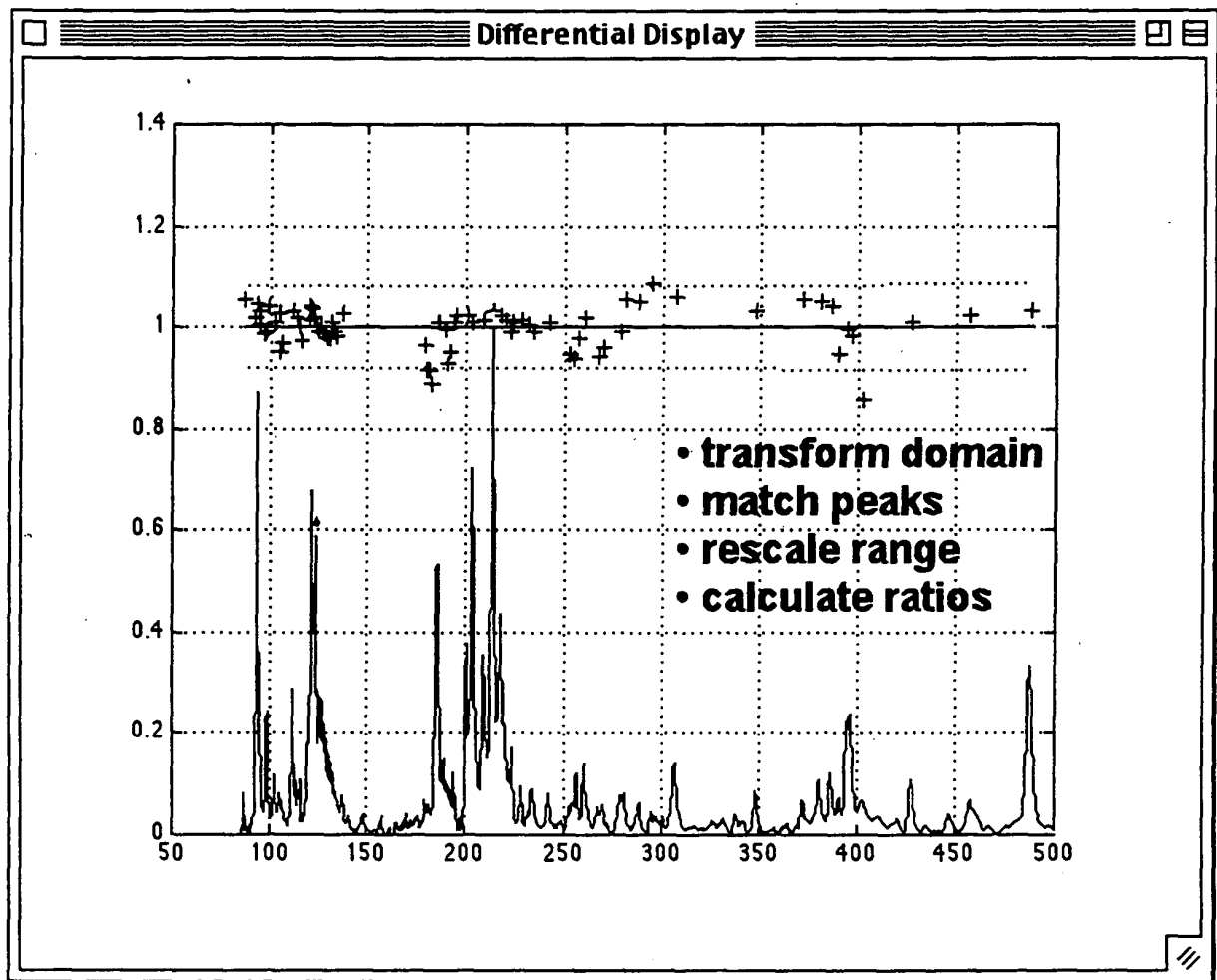


Figure 12

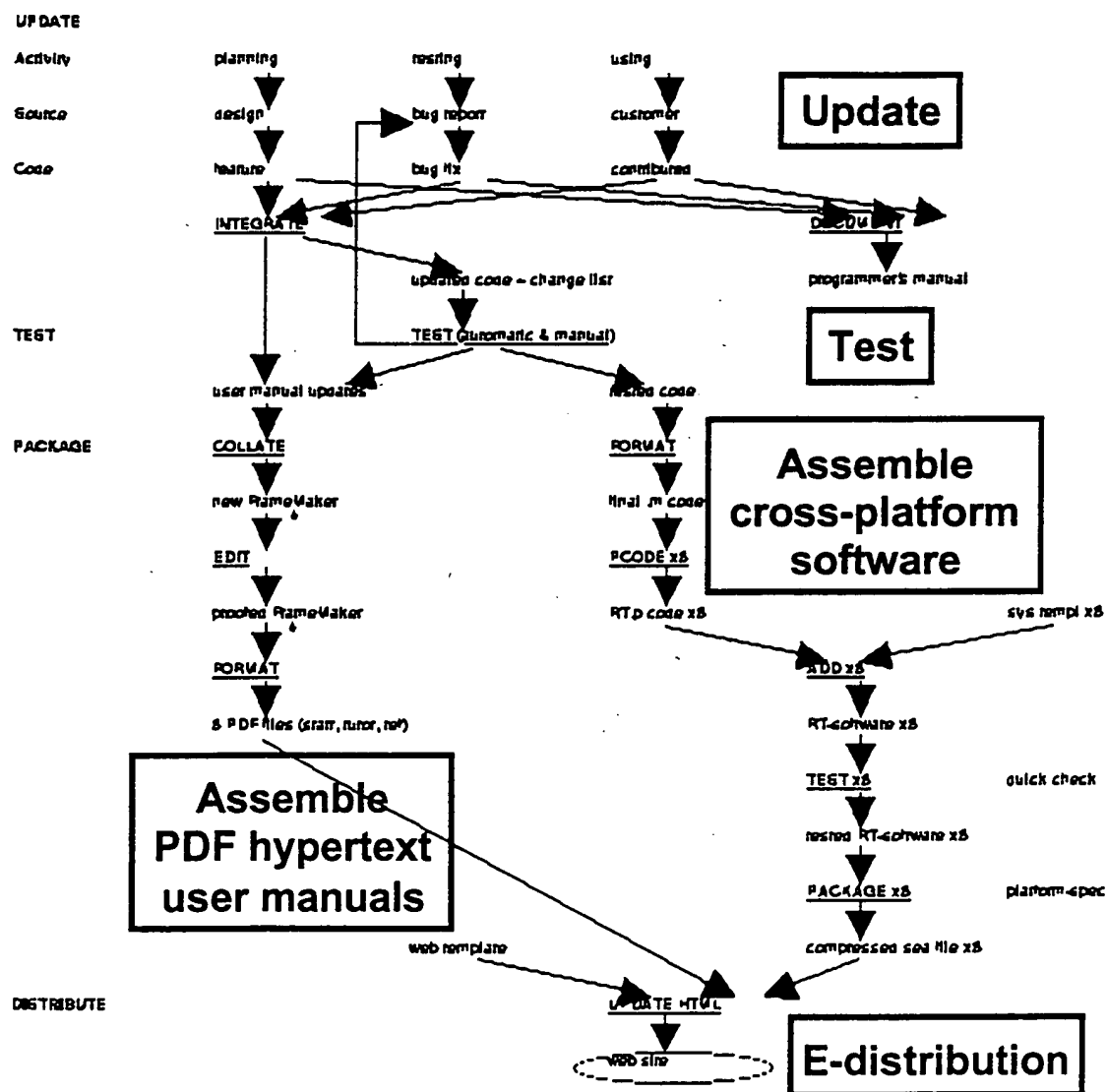


Figure 13

	A	B	C	D	E	F
20						
21	PEOPLE COST	\$1,024,000				
22	PER GENOTYPE	\$1.02				
23						
24	Breakdown	per person			per day	per year
25	salary	\$25,000		Throughput		
26	benefits	\$6,250		runs	8	2,000
27	space	\$2,000		genotypes	4,000	1,000,000
28	computer	\$2,000				
29	software	\$10,000		Scoring		
30	management	\$6,250		calls/person	500	125,000
31	overhead	\$12,500				
32	COST	\$64,000		PEOPLE	16	
33						
34	Assumptions			Assumptions		
35	benefit rate	0.25		genotypes/run	500	
36	sq feet/person	100		days/year	250	
37	cost/sq foot yr	\$20		people/call	2	
38	managing rate	0.25				
39	overhead rate	0.50				
40						

Figure 14.

